

CE CIT UOB
ITCE260 (Circuit Analysis)

Test 2

Time: 60 minutes

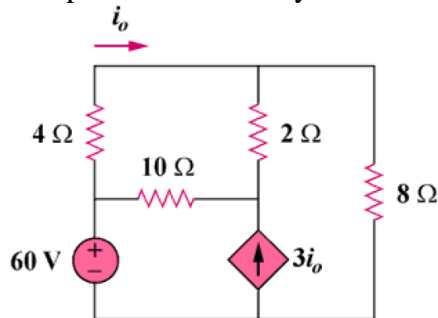
Date: 5 April 2015

Dr. Riyadh Al-Hakim

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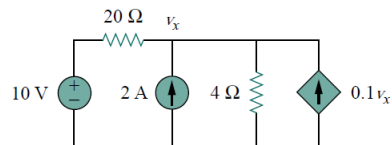
Q1 [40 marks]

Using Nodal/Mesh analysis, find power absorbed by the $10\ \Omega$ resistor:



Q2 [20 marks]

Find v_x



Q3 [40 marks]

Find the value of R_L connected between a-b terminals that can absorb maximum power. Find this maximum power.

